Examples of Partition Coefficients (K), Which Quantify Colloid Sorption at Air-Water Interfaces

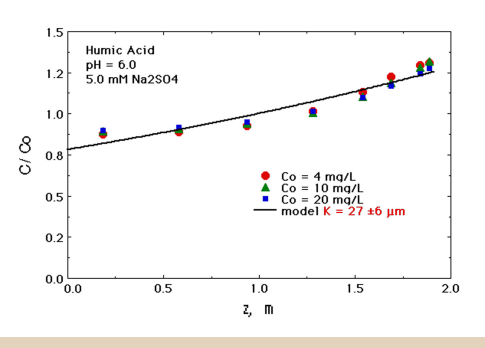

Fig. 4. Steady-state relative concentration profiles of humic acid in the bubble column. Data points are from column experiments conducted at the three indicated average humic acid concentrations. For the indicated solution chemistry, K = 27 ±6 µm.

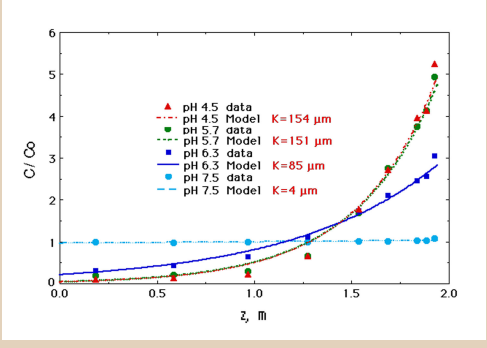

Fig. 5. Steady-state relative concentration profiles of Na-kaolinite clay particles in the bubble column. Data points are from column experiments conducted at the three indicated pH values. Note that kaolinite partitioning at air-water interfaces varies over a wide range, depending on pH.

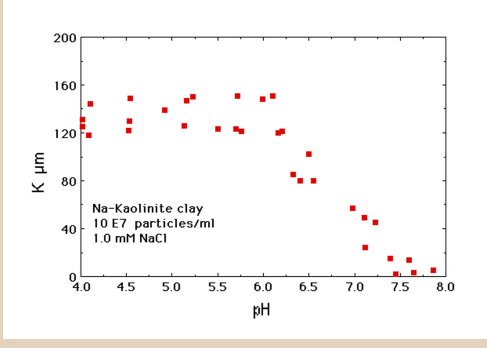

Fig. 6. The pH-dependence of K for Na-kaolinite.